

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
 Data File : BE101137.D
 Acq On : 7 Feb 2020 14:35
 Operator : CG/JU
 Sample : PB126655BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB126655BSD

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:27:02 AM

Quant Time: Feb 07 15:30:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1506	0.40	ng	-0.03
7) Naphthalene-d8	10.48	136	5943	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	3650	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	7830	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	8137	0.40	ng	-0.01
34) Perylene-d12	23.68	264	12204	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1549m	0.46	ng	-0.02
5) Phenol-d6	6.92	99	1808m	0.42	ng	0.00
8) Nitrobenzene-d5	8.87	82	2130	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	4090	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	185	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	6854	0.49	ng	-0.03
25) Fluoranthene-d10	19.12	212	38001	0.35	ng	-0.02
29) Terphenyl-d14	19.72	244	9136	0.46	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1302	0.340	ng	# 49
3) n-Nitrosodimethylamine	3.58	42	963	0.460	ng	# 87
6) bis(2-Chloroethyl)ether	7.15	93	1238	0.242	ng	# 98
9) Naphthalene	10.54	128	24850	0.377	ng	# 98
10) Hexachlorobutadiene	10.82	225	1041	0.373	ng	99
12) 2-Methylnaphthalene	12.17	142	3408	0.341	ng	98
16) Acenaphthylene	14.05	152	5793	0.390	ng	99
17) Acenaphthene	14.40	154	3665	0.344	ng	100
18) Fluorene	15.38	166	4484	0.333	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	1424	0.373	ng	97
21) Hexachlorobenzene	16.38	284	1525	0.364	ng	96
22) Pentachlorophenol	16.77	266	22	0.265	ng	# 77
23) Phenanthrene	17.12	178	6935	0.324	ng	98
24) Anthracene	17.23	178	7836	0.388	ng	99
26) Fluoranthene	19.14	202	9603	0.359	ng	99
28) Pyrene	19.51	202	9995	0.330	ng	99
30) Benzo(a)anthracene	21.25	228	8797	0.379	ng	98
31) Chrysene	21.31	228	12687	0.368	ng	100
32) Bis(2-ethylhexyl)phthalate	21.19	149	19959	0.516	ng	98
33) Indeno(1,2,3-cd)pyrene	26.24	276	16001	0.587	ng	# 88
35) Benzo(b)fluoranthene	22.95	252	10192	0.298	ng	97
36) Benzo(k)fluoranthene	22.99	252	16425m	0.331	ng	
37) Benzo(a)pyrene	23.58	252	13010	0.393	ng	99
38) Dibenzo(a,h)anthracene	26.26	278	12581	0.413	ng	96
39) Benzo(g,h,i)perylene	27.01	276	14868	0.397	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

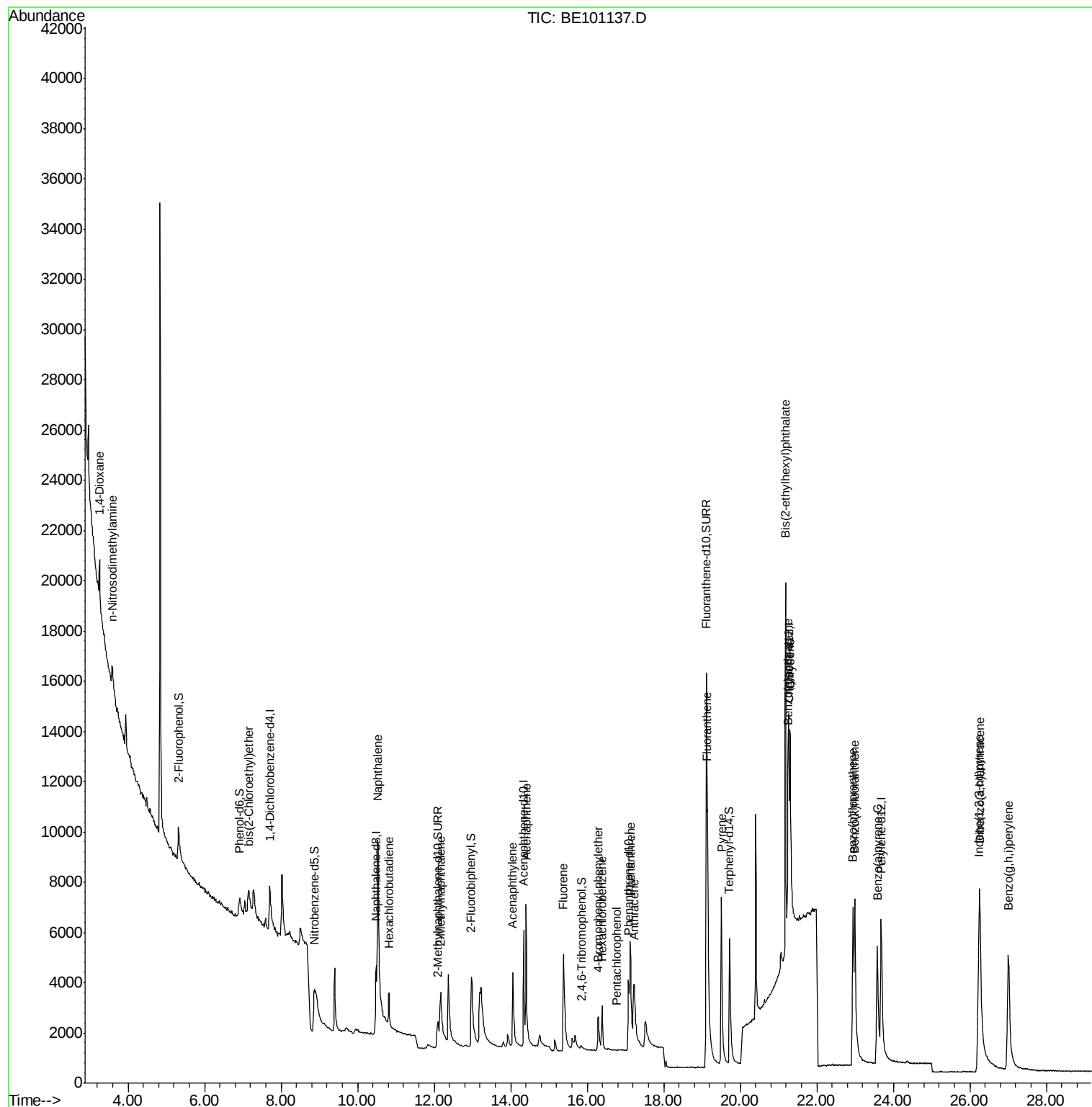
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101137.D
Acq On : 7 Feb 2020 14:35
Operator : CG/JU
Sample : PB126655BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

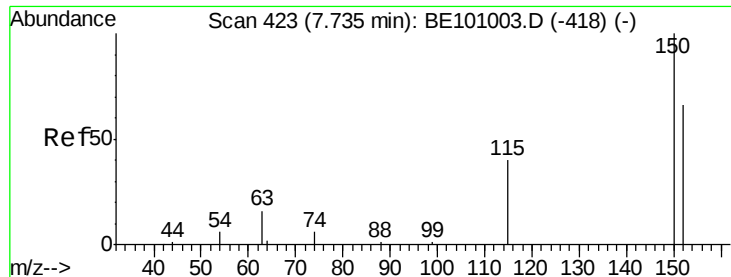
Instrument :
BNA_E
ClientSampleId :
PB126655BSD

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Quant Time: Feb 07 15:30:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 420

Delta R.T. -0.03 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

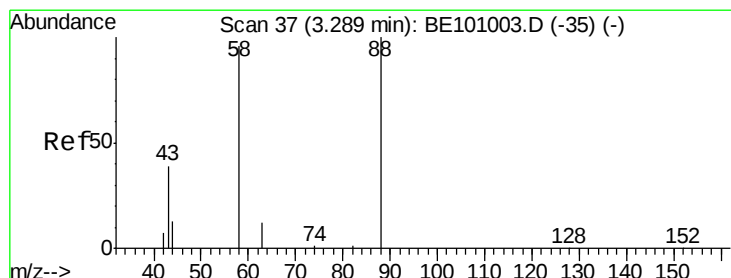
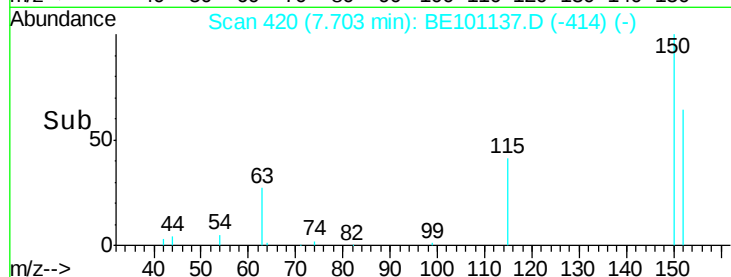
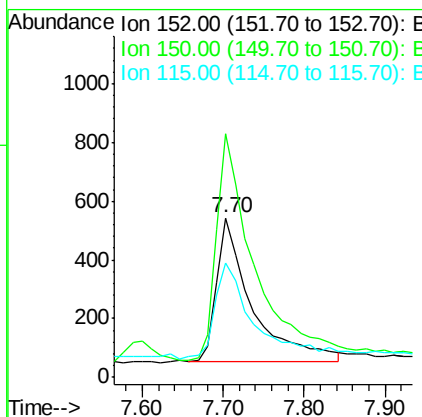
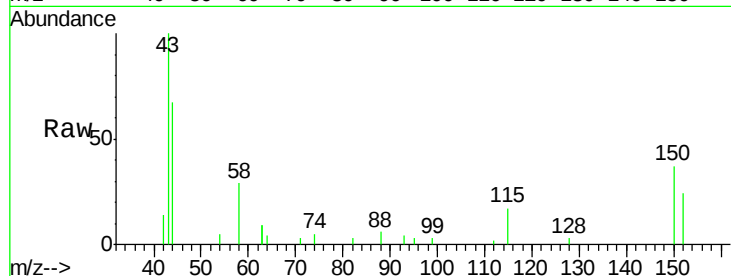
ClientSampleId :

PB126655BSD

Tot Ion:	152	Resp:	1506
Ion	Ratio	Lower	Upper
152	100		
150	153.0	120.3	180.5
115	71.8	51.7	77.5

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#2

1,4-Dioxane

Concen: 0.340 ng

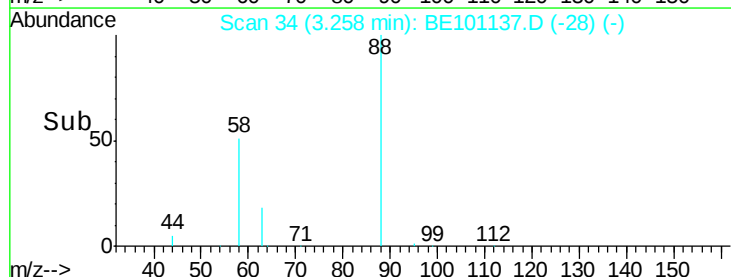
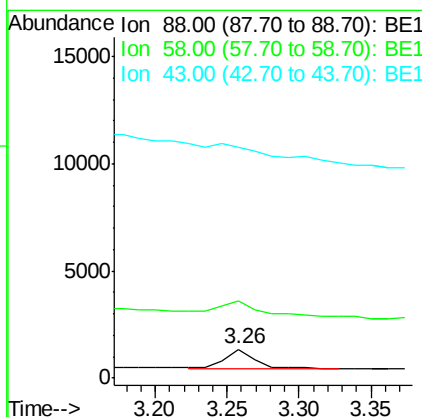
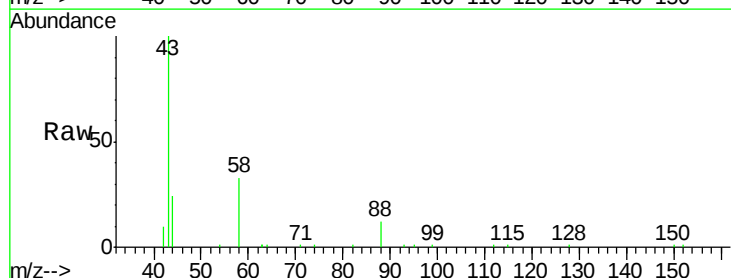
RT: 3.26 min Scan# 34

Delta R.T. -0.03 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tgt Ion:	88	Resp:	1302
Ion	Ratio	Lower	Upper
88	100		
58	105.4	53.0	79.4#
43	0.0	23.4	35.2#





#3

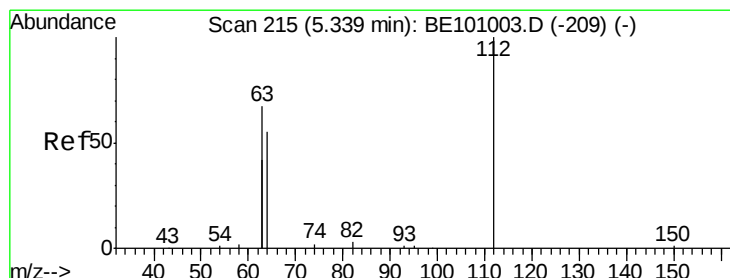
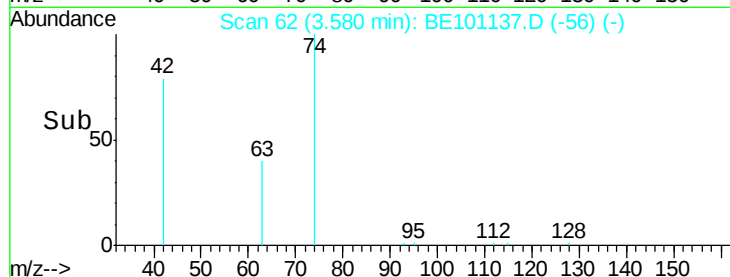
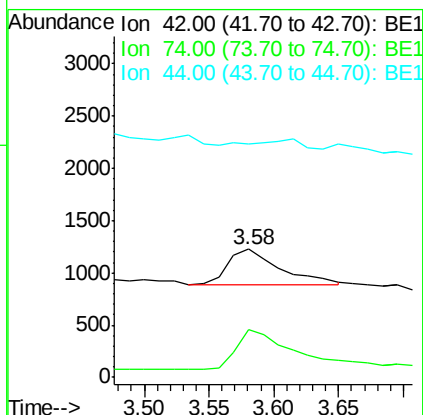
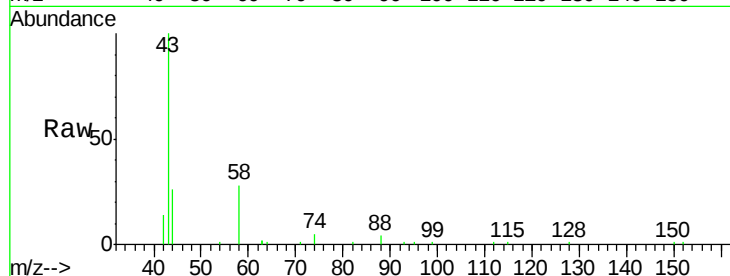
n-Nitrosodimethylamine
 Concen: 0.460 ng
 RT: 3.58 min Scan# 62
 Delta R.T. -0.03 min
 Lab File: BE101137.D
 Acq: 7 Feb 2020 14:35

Instrument :
 BNA_E
 ClientSampleId :
 PB126655BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	118.3	105.7	158.5
44	0.0	10.0	15.0#

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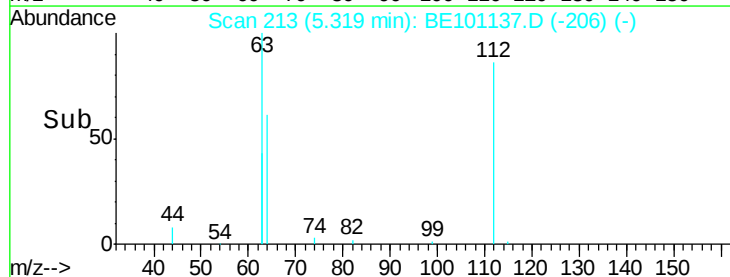
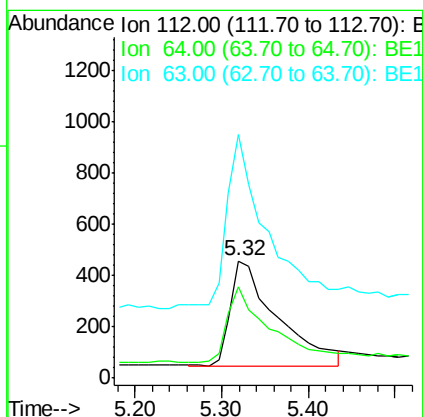
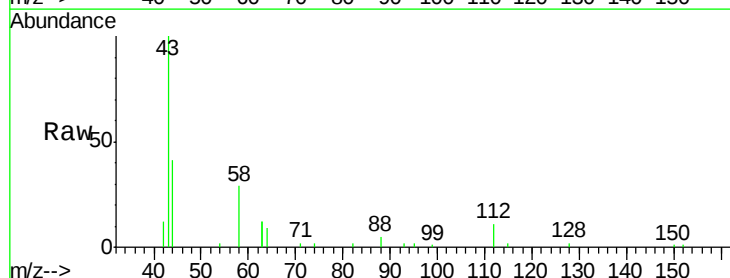
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#4

2-Fluorophenol
 Concen: 0.457 ng m
 RT: 5.32 min Scan# 213
 Delta R.T. -0.02 min
 Lab File: BE101137.D
 Acq: 7 Feb 2020 14:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	53.6	80.4#
63	115.9	114.6	172.0





#5

Phenol-d6

Concen: 0.422 ng/mL

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

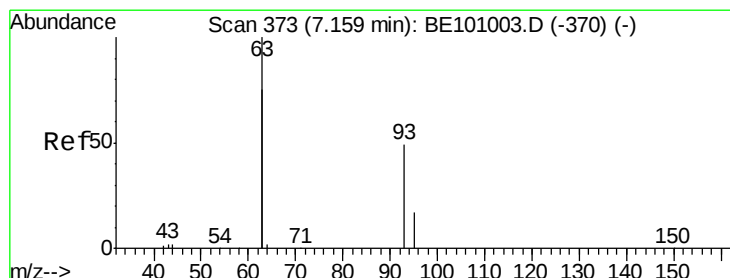
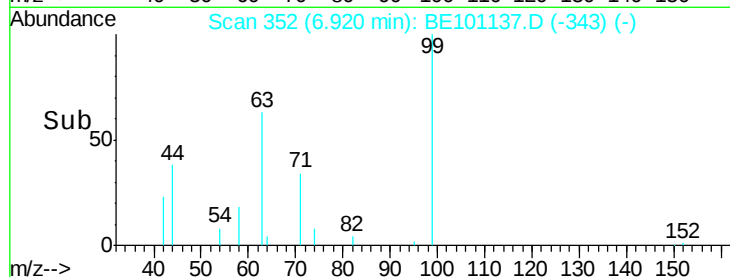
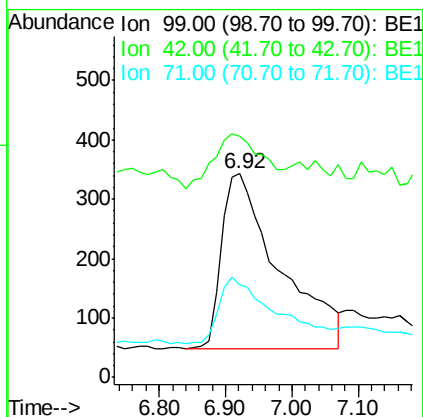
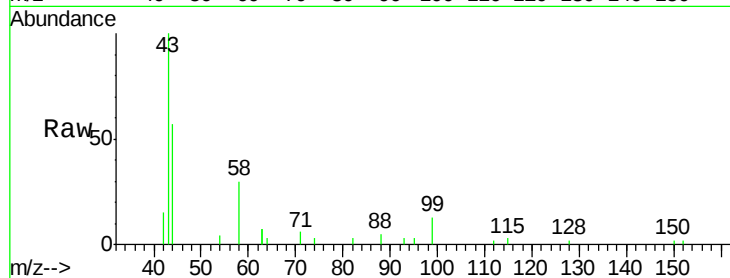
ClientSampleId :

PB126655BSD

Tot Ion:	99	Resp:	1808
Ion	Ratio	Lower	Upper
99	100		
42	26.4	18.3	27.5
71	32.8	28.0	42.0

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#6

bis(2-Chloroethyl)ether

Concen: 0.242 ng/mL

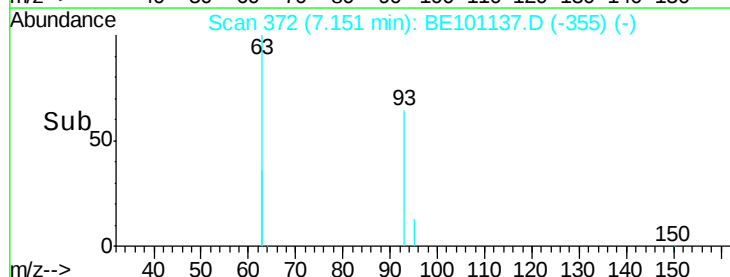
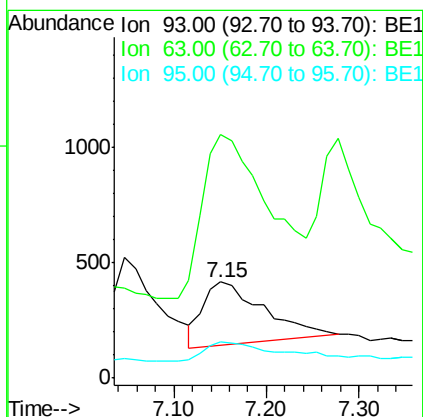
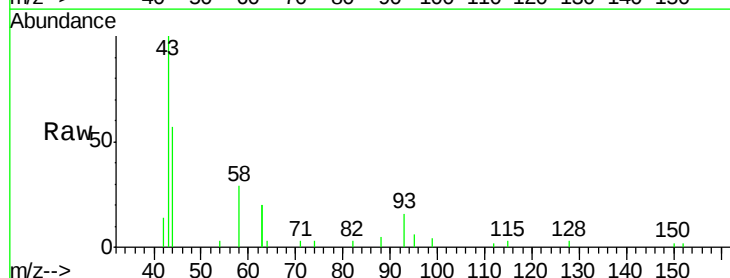
RT: 7.15 min Scan# 372

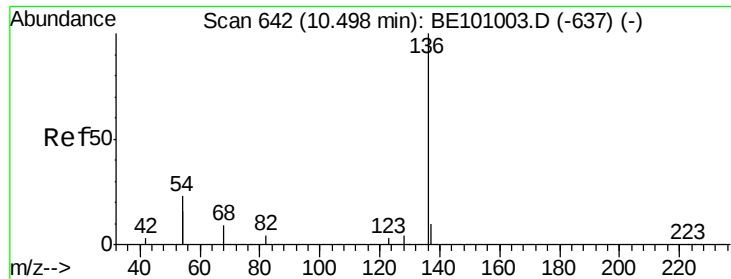
Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tgt Ion:	93	Resp:	1238
Ion	Ratio	Lower	Upper
93	100		
63	294.8	233.9	350.9
95	36.0	23.5	35.3#





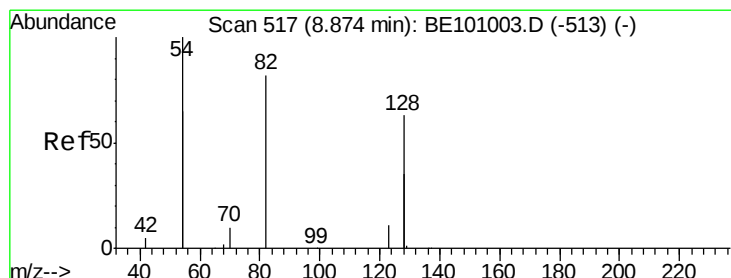
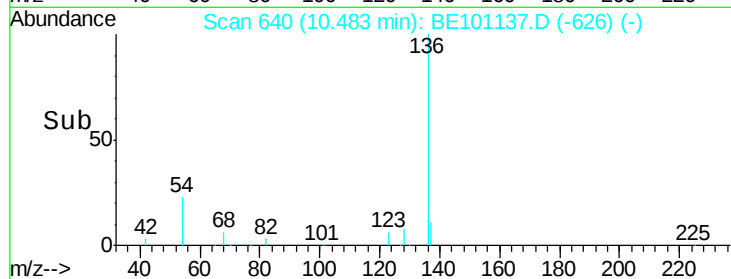
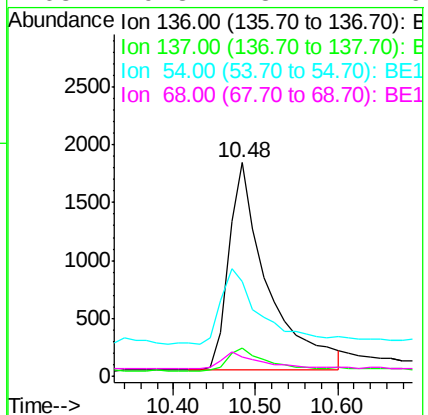
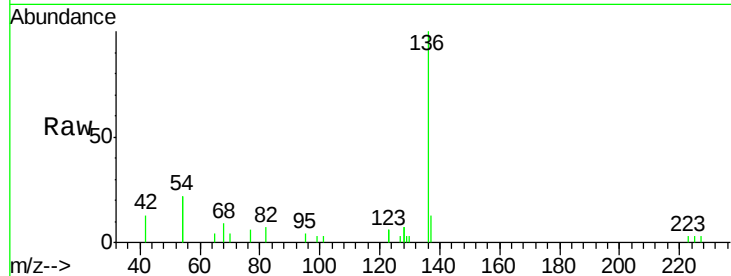
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.01 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Instrument :
BNA_E
ClientSampleId :
PB126655BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.3	13.9
54	44.3	36.8	55.2
68	9.3	8.4	12.6

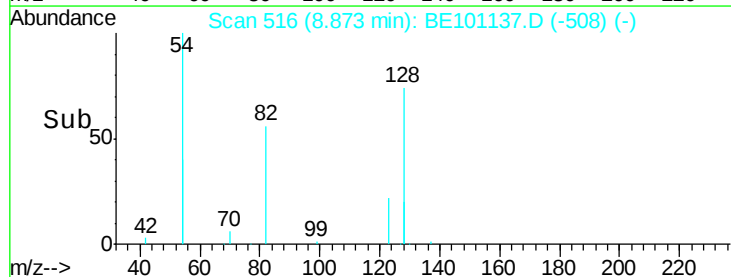
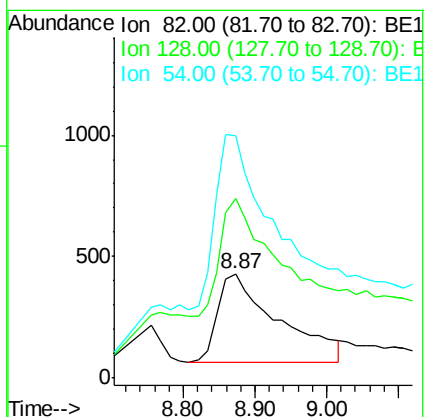
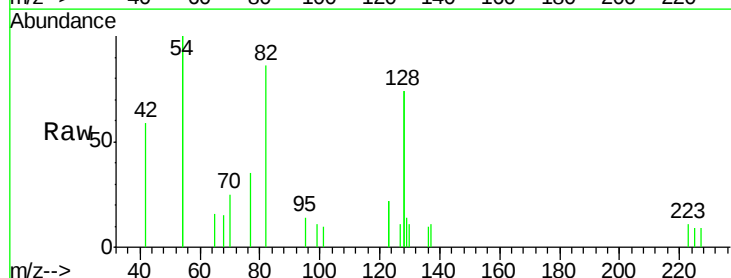
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#8
Nitrobenzene-d5
Concen: 0.501 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Tgt Ion	Ratio	Lower	Upper
82	100		
128	171.7	109.8	164.6#
54	231.6	174.5	261.7





#9

Naphthalene

Concen: 0.377 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

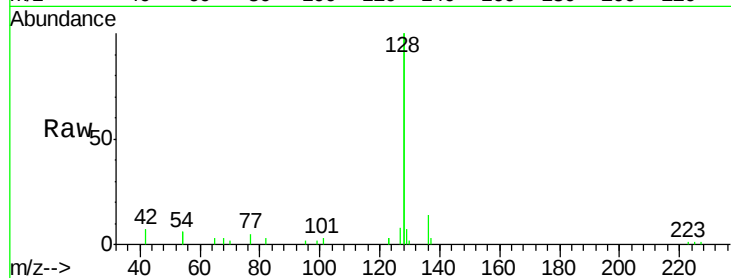
ClientSampleId :

PB126655BSD

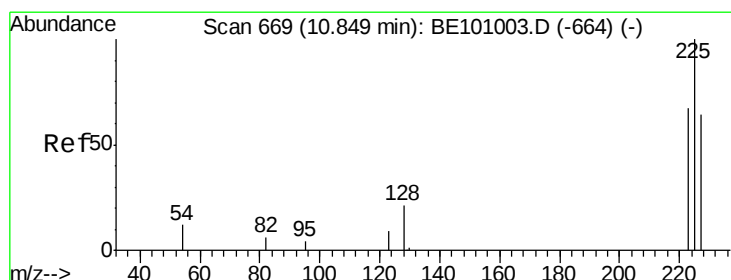
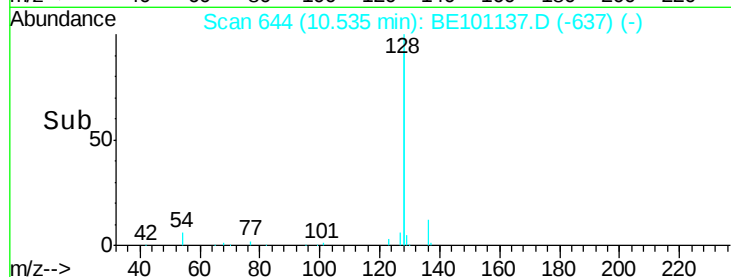
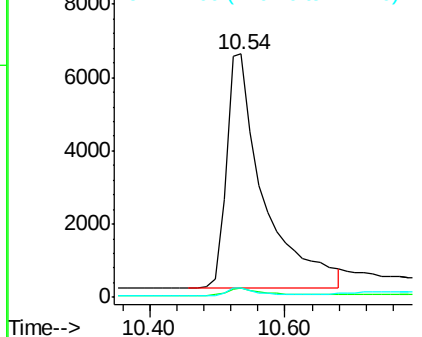
Tot Ion:	128	Resp:	24850
Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.3	3.5#
127	3.8	2.7	4.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.373 ng

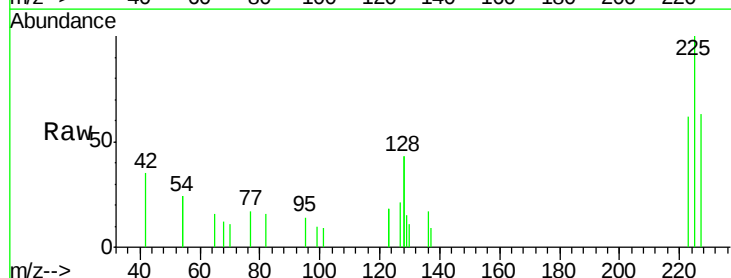
RT: 10.82 min Scan# 666

Delta R.T. -0.03 min

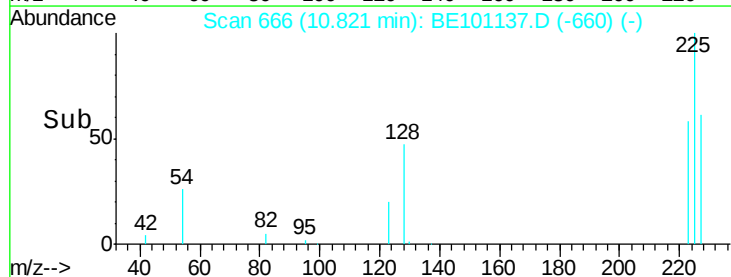
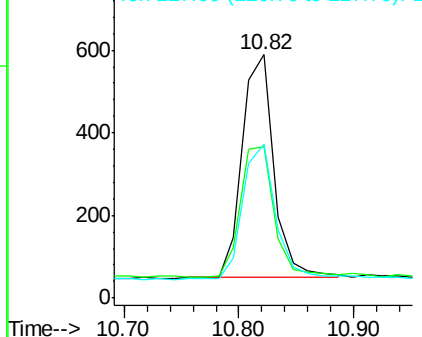
Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tgt Ion:	225	Resp:	1041
Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.2	78.4
227	62.4	49.9	74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





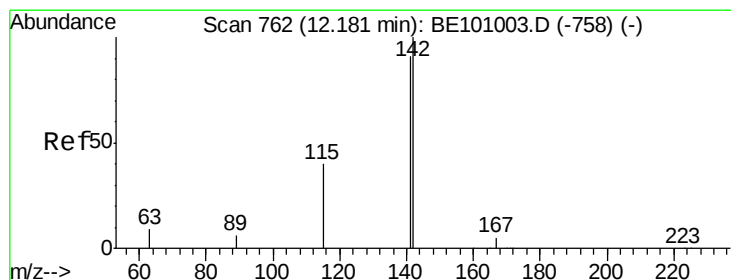
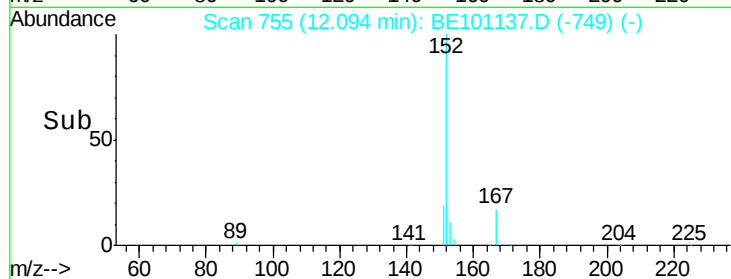
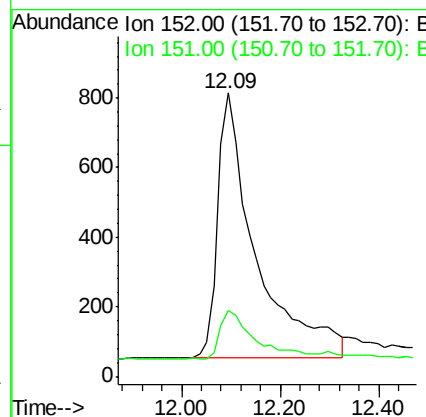
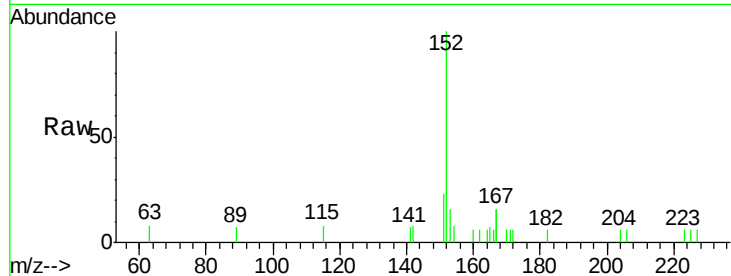
#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
151	16.8	15.0	22.6

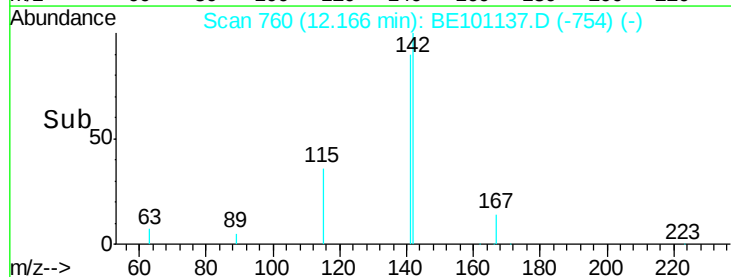
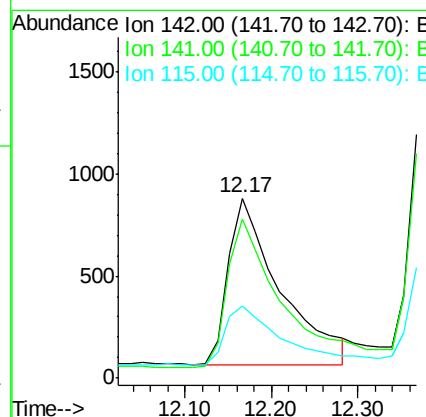
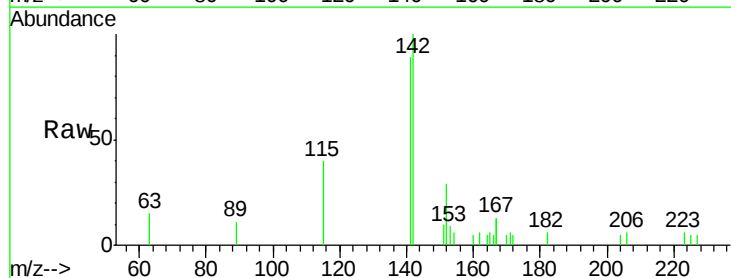
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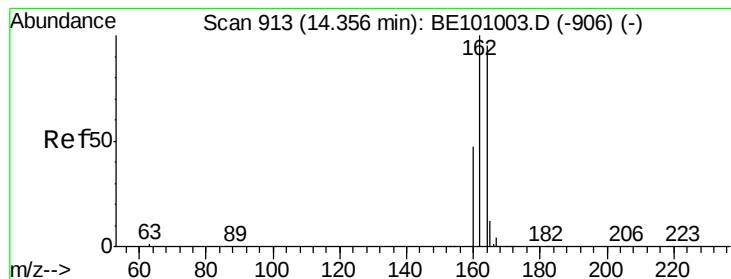
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#12
2-Methylnaphthalene
Concen: 0.341 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.5	108.7
115	40.4	33.0	49.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 911

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

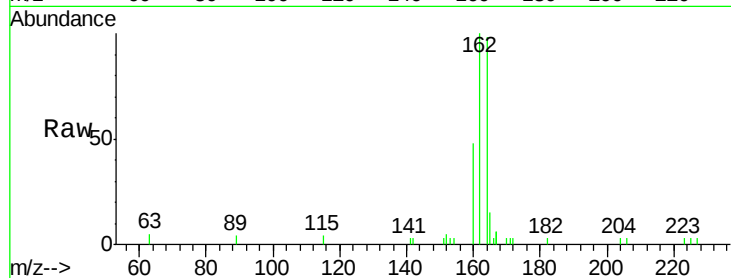
ClientSampleId :

PB126655BSD

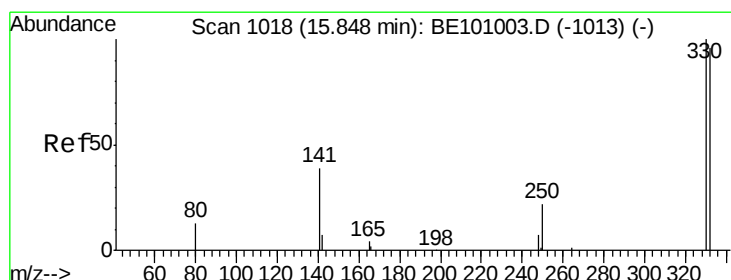
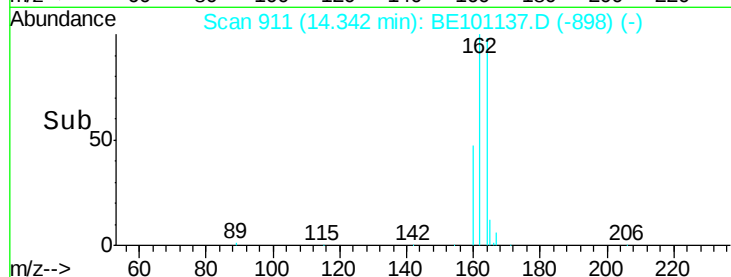
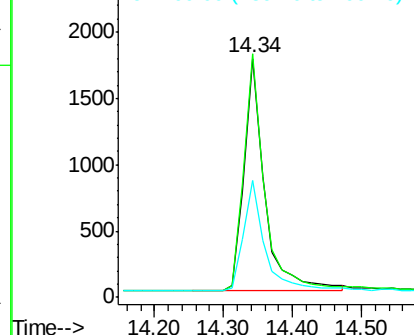
Tot Ion:	164	Resp:	3650
Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.1	126.1
160	48.9	40.4	60.6

Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.180 ng

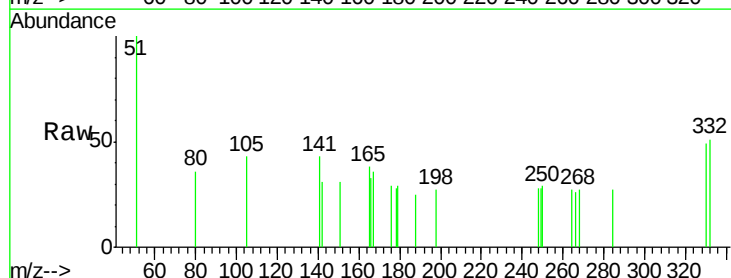
RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

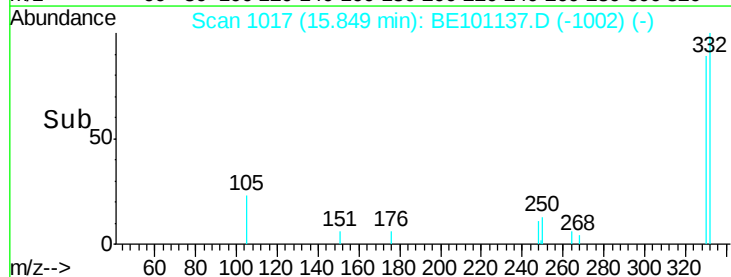
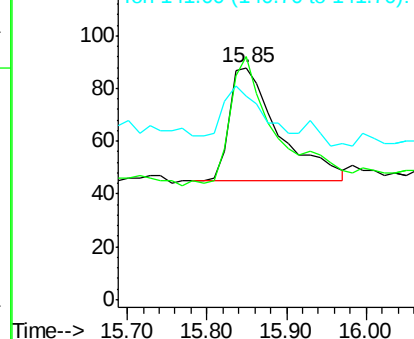
Lab File: BE101137.D

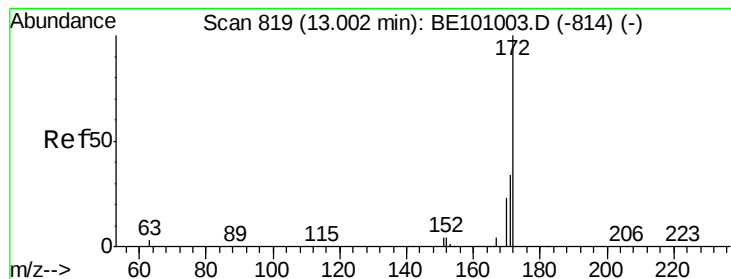
Acq: 7 Feb 2020 14:35

Tgt Ion:	330	Resp:	185
Ion	Ratio	Lower	Upper
330	100		
332	111.9	78.4	117.6
141	30.8	37.0	55.4#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





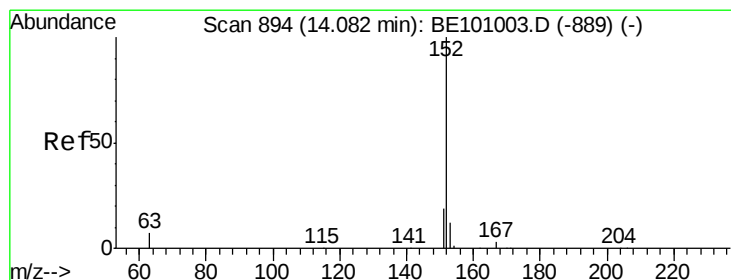
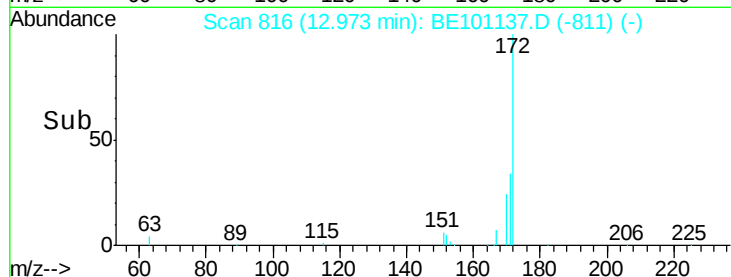
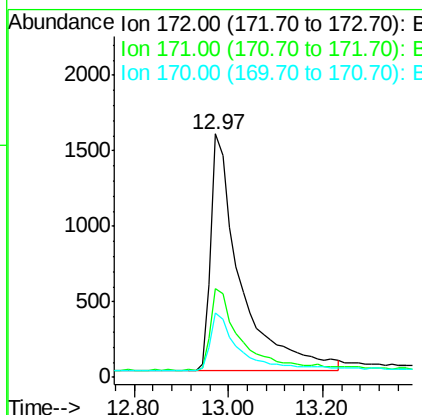
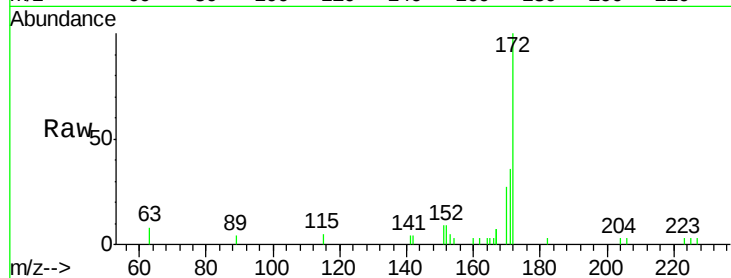
#15
2-Fluorobiphenyl
Concen: 0.494 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.03 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Instrument :
BNA_E
ClientSampleId :
PB126655BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.2
170	26.7	18.9	28.3

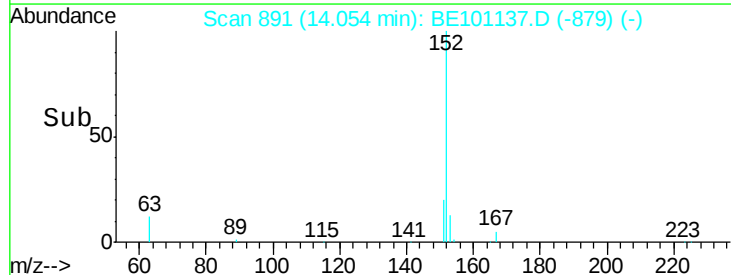
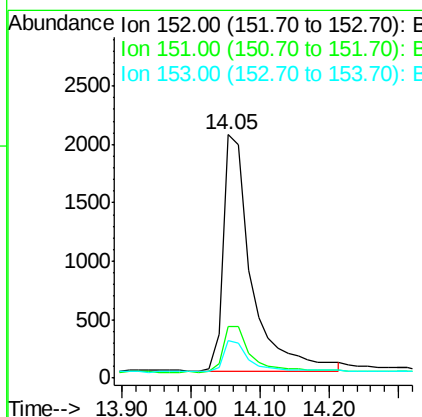
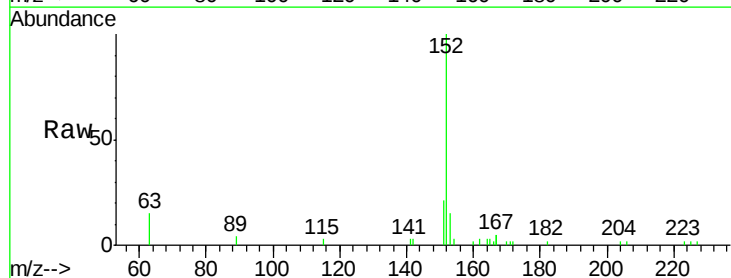
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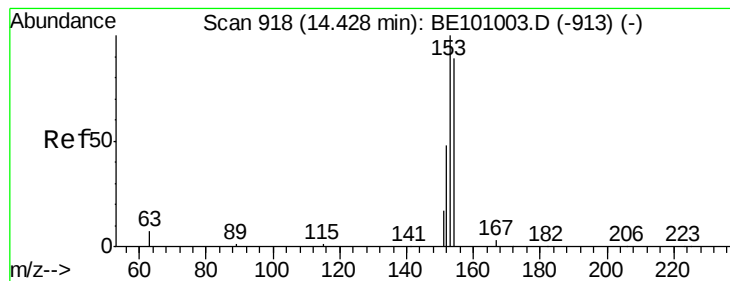
mohammad
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#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.05 min Scan# 891
Delta R.T. -0.03 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	12.4	10.4	15.6





#17

Acenaphthene

Concen: 0.344 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.03 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

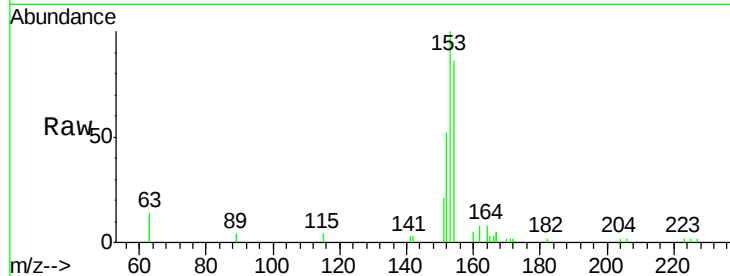
ClientSampleId :

PB126655BSD

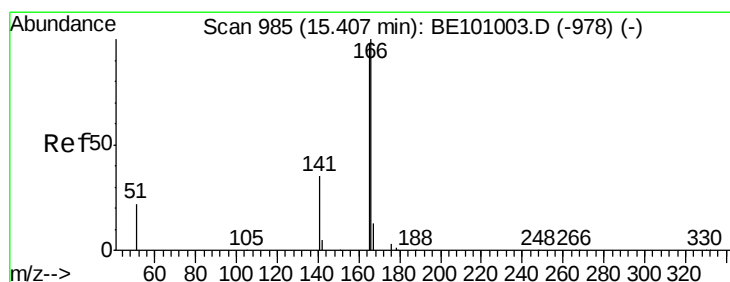
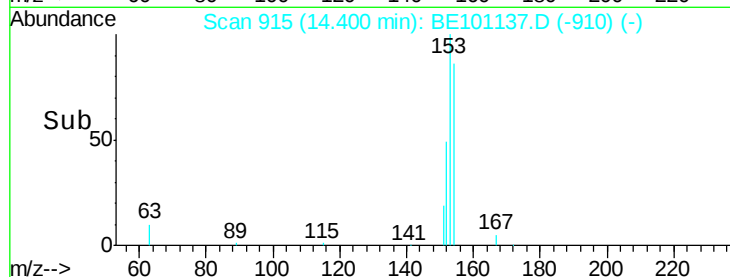
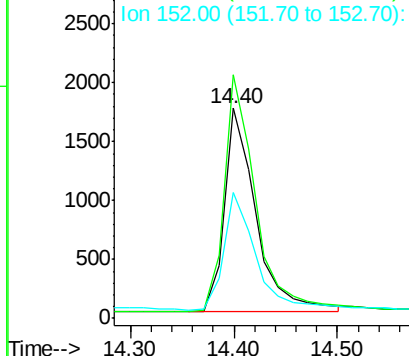
Tot Ion:	154	Resp:	3665
Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.6	140.4
152	58.5	46.3	69.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.333 ng

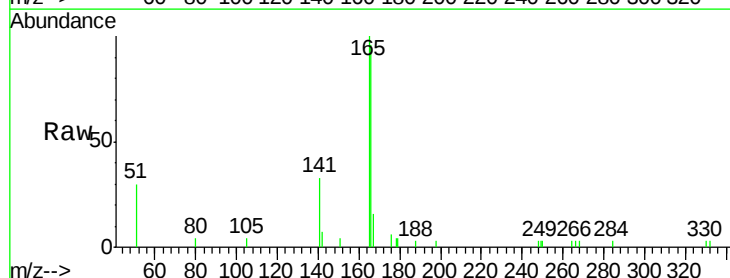
RT: 15.38 min Scan# 982

Delta R.T. -0.03 min

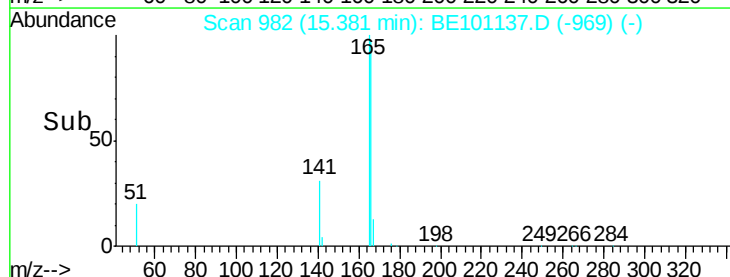
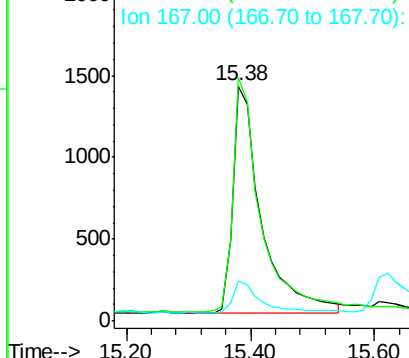
Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tgt Ion:	166	Resp:	4484
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.8	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

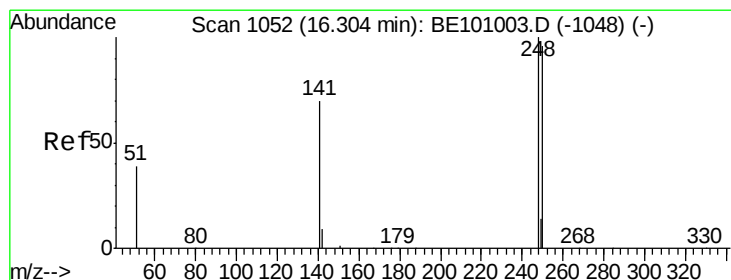
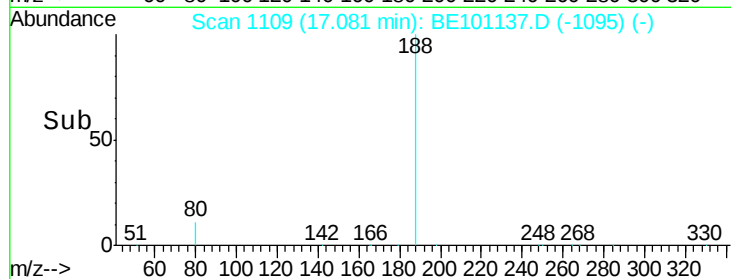
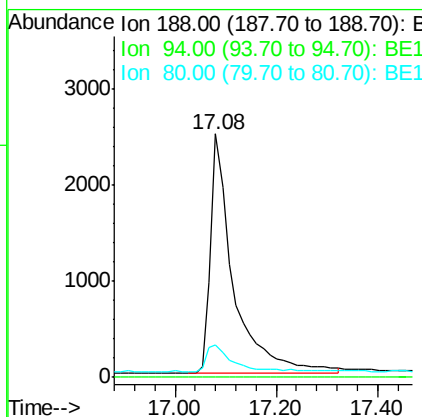
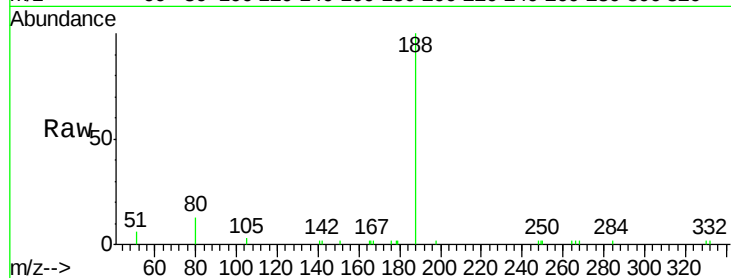
ClientSampleId :

PB126655BSD

Tot Ion:	188	Resp:	7830
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.4	10.8	16.2

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#20

4-Bromophenyl-phenylether

Concen: 0.373 ng

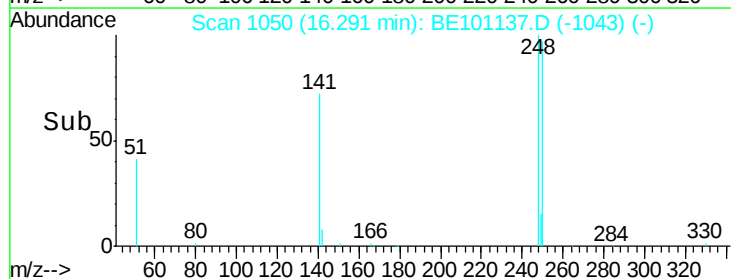
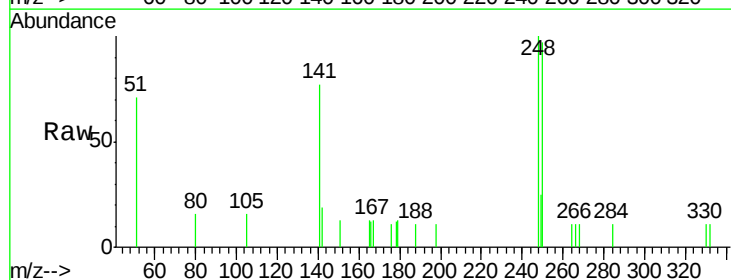
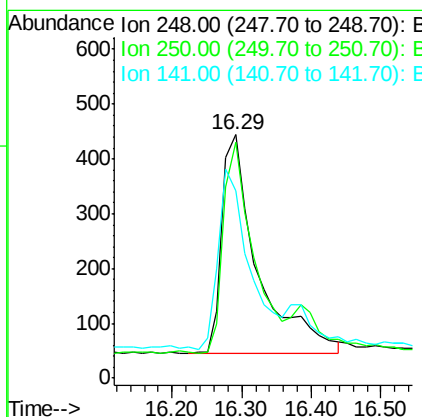
RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tgt Ion:	248	Resp:	1424
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.6	115.0
141	77.3	57.7	86.5





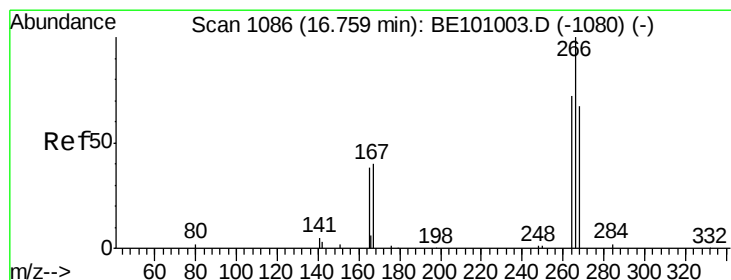
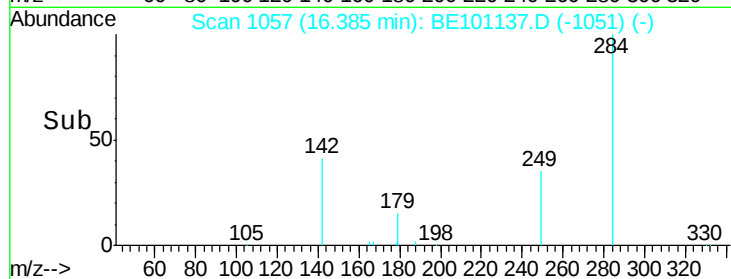
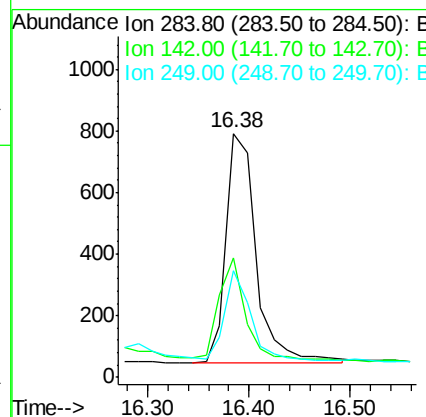
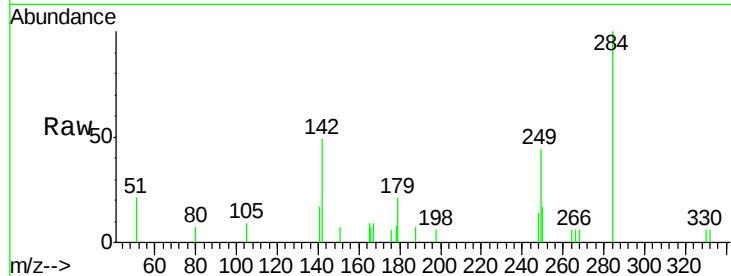
#21
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Instrument :
BNA_E
ClientSampleId :
PB126655BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.5	34.0	51.0
249	33.8	28.2	42.4

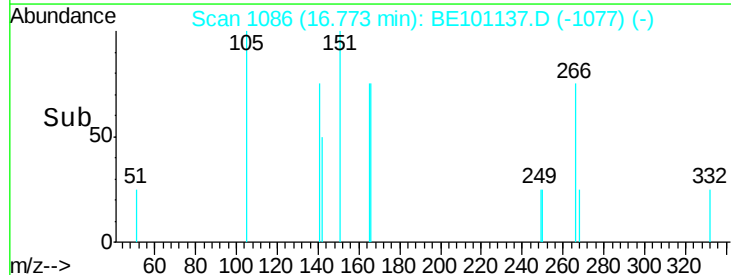
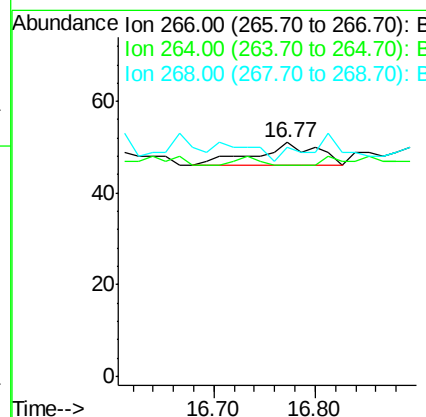
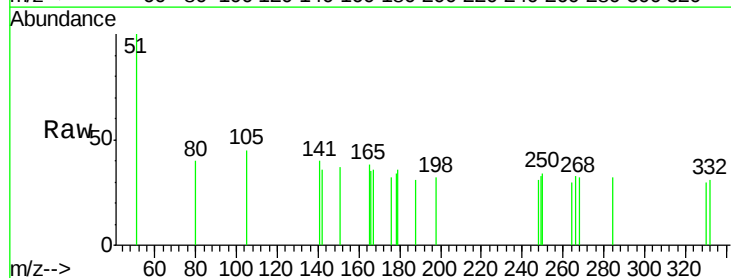
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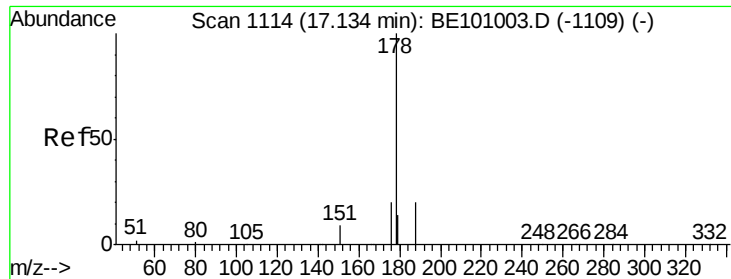
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#22
Pentachlorophenol
Concen: 0.265 ng
RT: 16.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	90.2	61.0	91.4
268	98.0	58.5	87.7





#23

Phenanthrene

Concen: 0.324 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

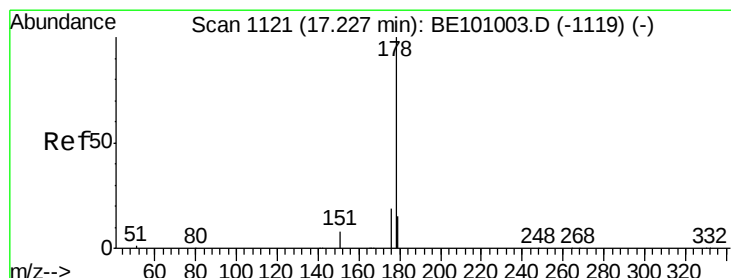
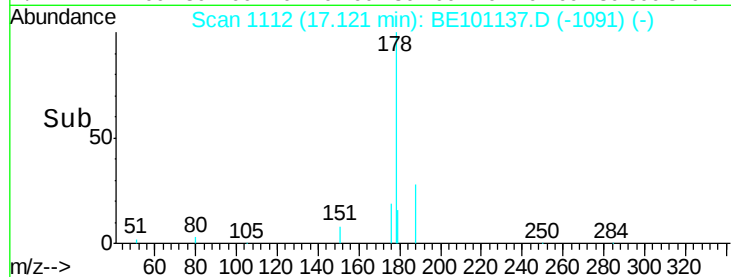
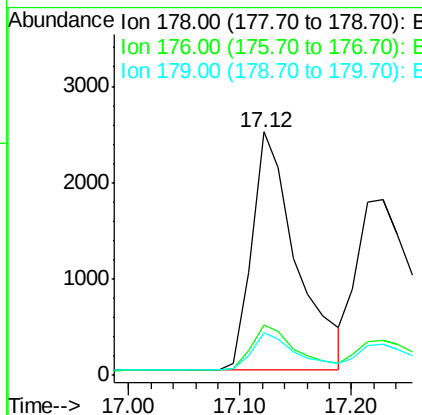
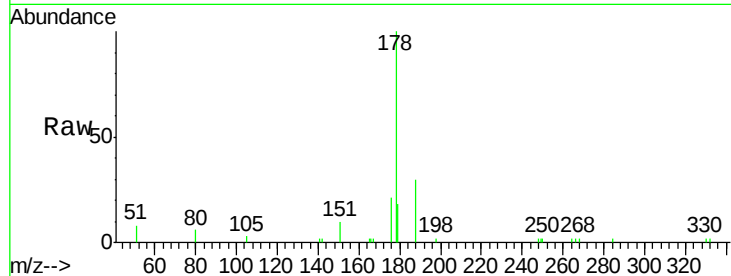
ClientSampleId :

PB126655BSD

Tot Ion:178	Resp:	6935
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.7 23.5
179	15.9	12.0 18.0

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#24

Anthracene

Concen: 0.388 ng

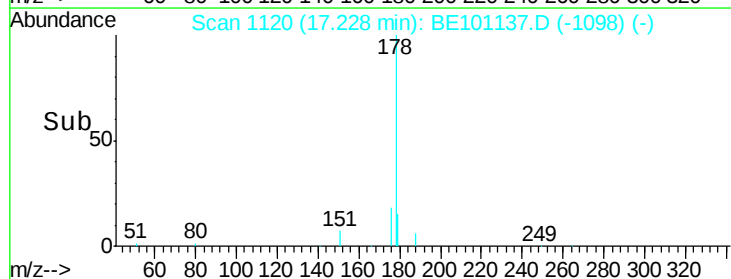
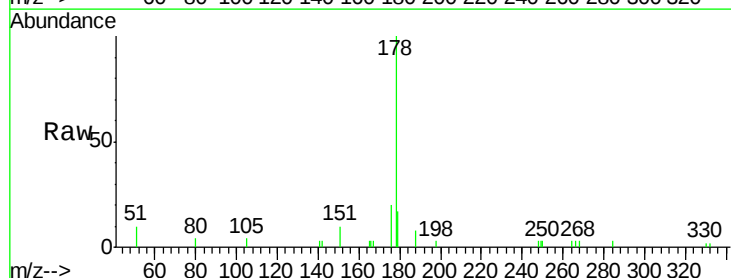
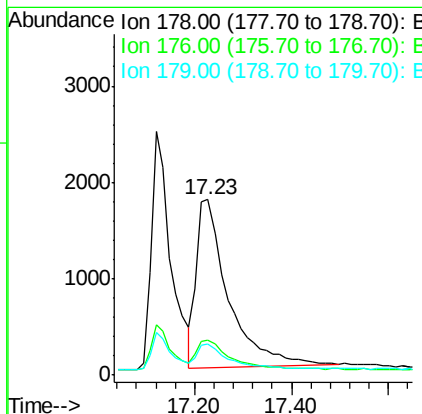
RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tgt Ion:178	Resp:	7836
Ion Ratio	Lower	Upper
178	100	
176	19.0	14.8 22.2
179	15.4	12.4 18.6





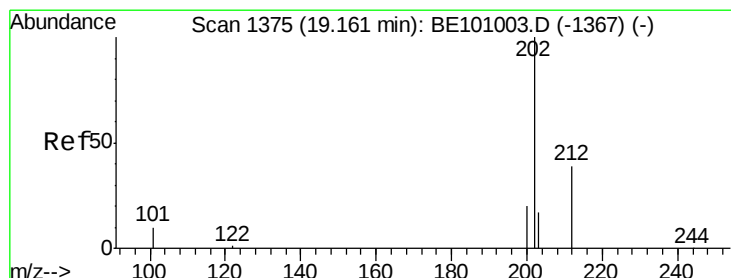
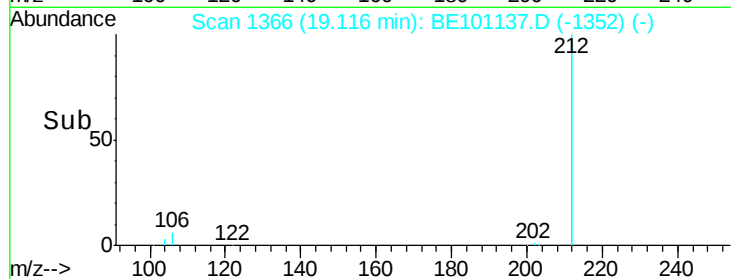
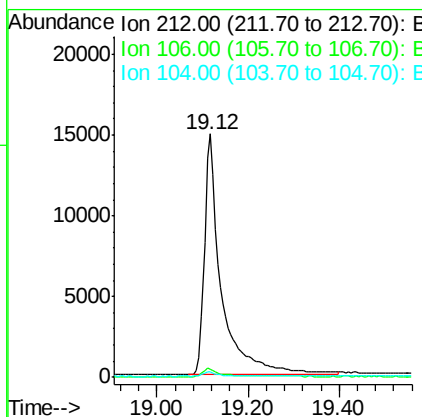
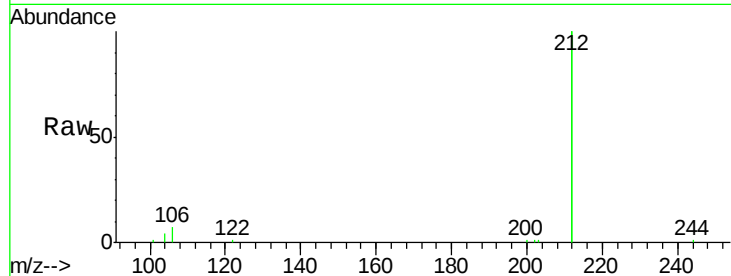
#25
 Fluoranthene-d10
 Concen: 0.349 ng
 RT: 19.12 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: BE101137.D
 Acq: 7 Feb 2020 14:35

Instrument :
 BNA_E
 ClientSampleId :
 PB126655BSD

Tot Ion:	212	Resp:	38001
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.6	3.8
104	1.7	1.4	2.0

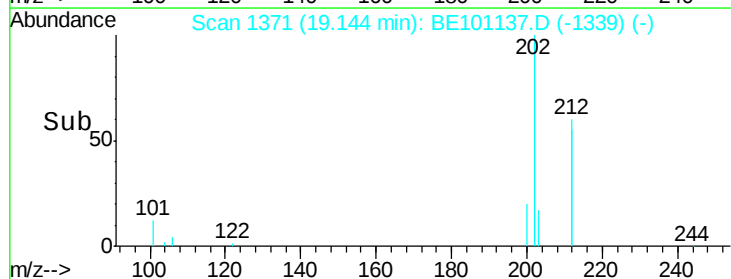
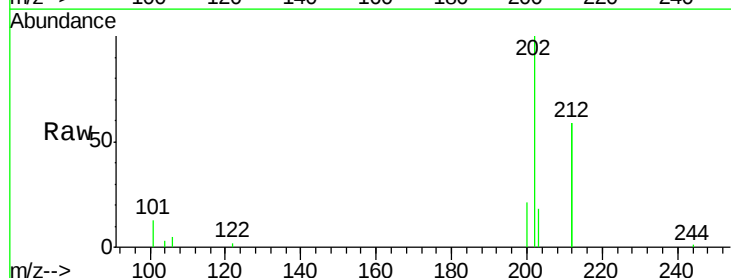
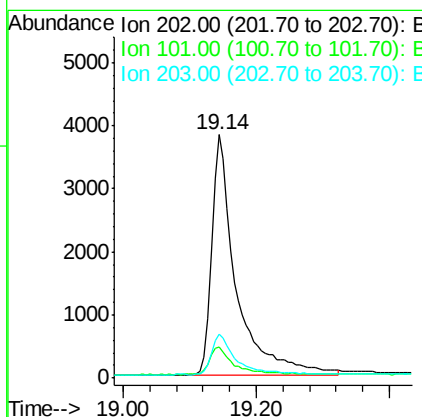
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#26
 Fluoranthene
 Concen: 0.359 ng
 RT: 19.14 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BE101137.D
 Acq: 7 Feb 2020 14:35

Tgt Ion:	202	Resp:	9603
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.6	14.4
203	17.1	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

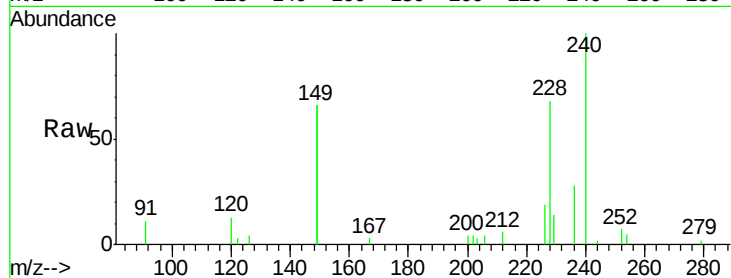
ClientSampleId :

PB126655BSD

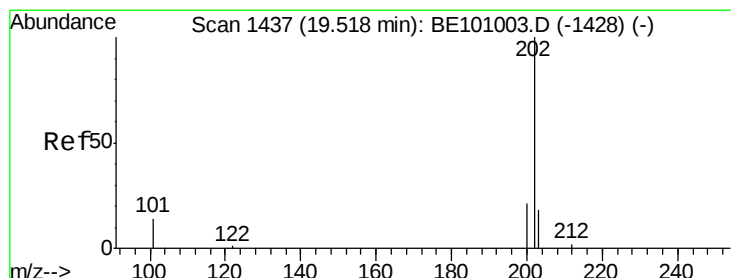
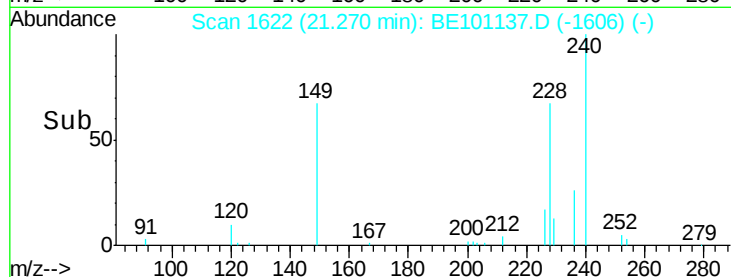
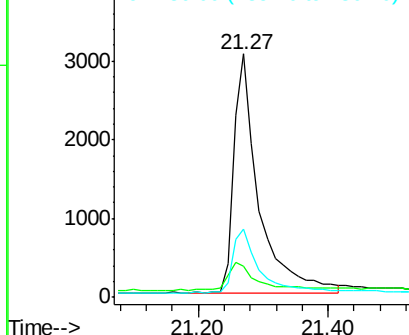
Tot Ion:	240	Resp:	8137
Ion Ratio	Lower	Upper	
240	100		
120	12.7	8.6	13.0
236	27.8	22.2	33.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.330 ng

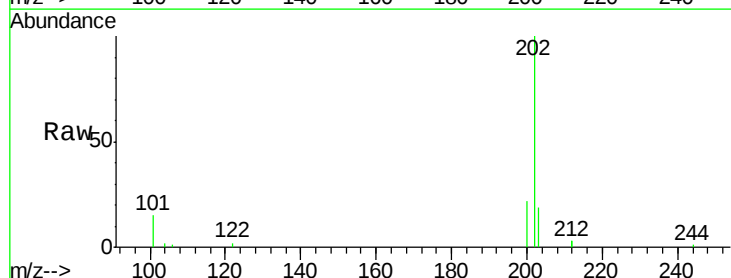
RT: 19.51 min Scan# 1434

Delta R.T. -0.01 min

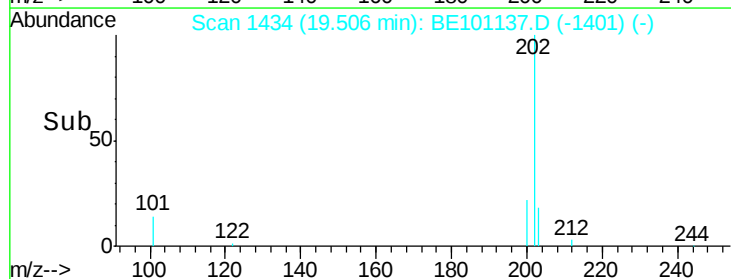
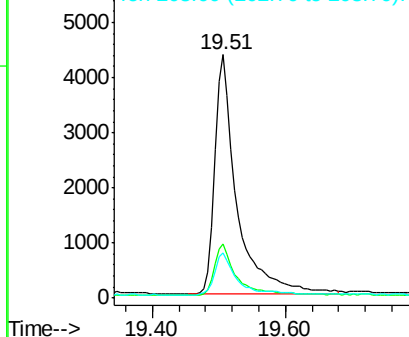
Lab File: BE101137.D

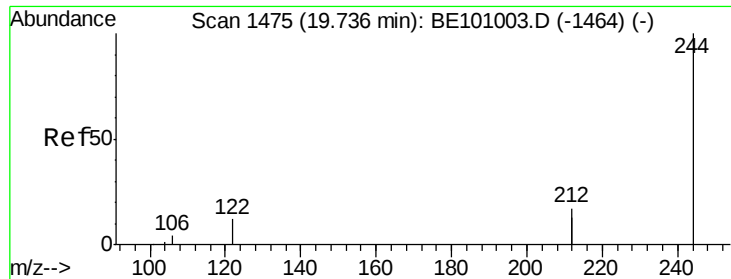
Acq: 7 Feb 2020 14:35

Tgt Ion:	202	Resp:	9995
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	17.7	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.457 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

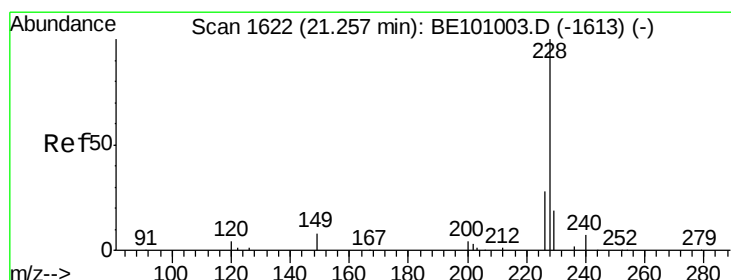
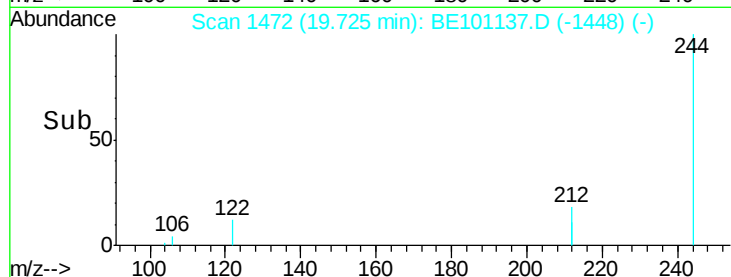
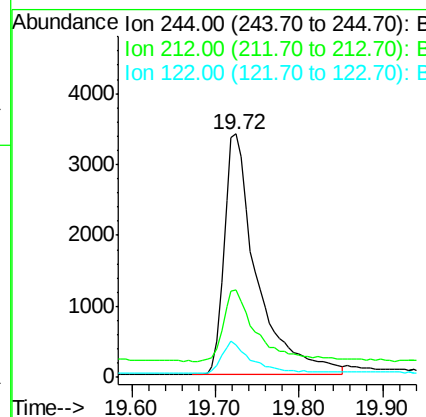
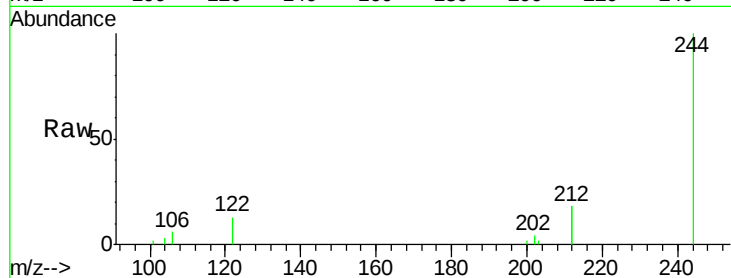
ClientSampleId :

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Tot Ion:	244	Resp:	9136
Ion Ratio	Lower	Upper	
244	100		
212	35.8	27.2	40.8
122	13.2	9.8	14.8

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#30

Benzo(a)anthracene

Concen: 0.379 ng

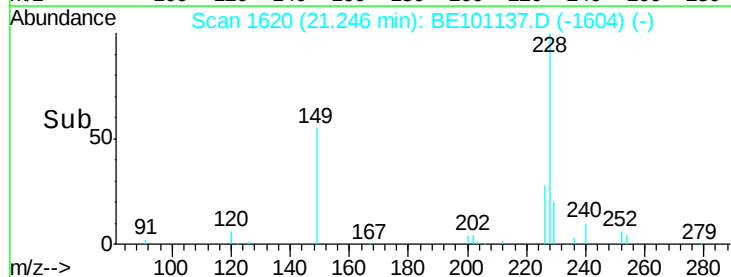
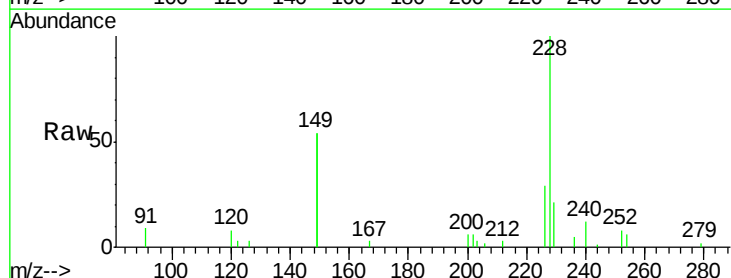
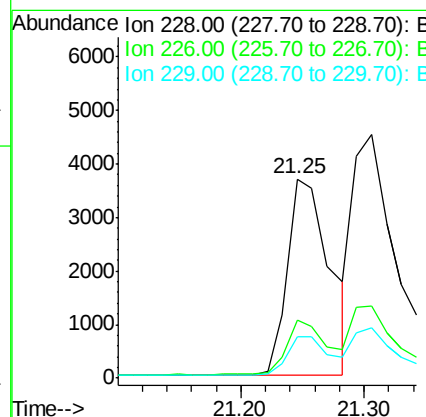
RT: 21.25 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tgt Ion:	228	Resp:	8797
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.7	34.1
229	20.9	15.5	23.3





#31

Chrysene

Concen: 0.368 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

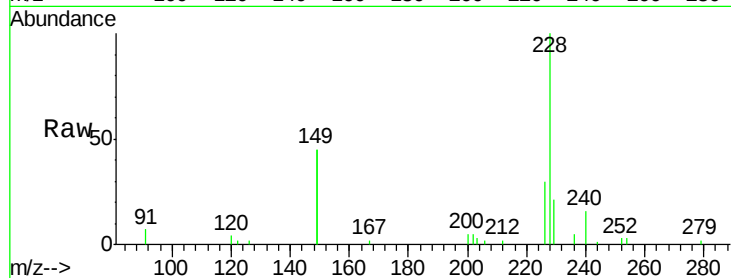
ClientSampleId :

PB126655BSD

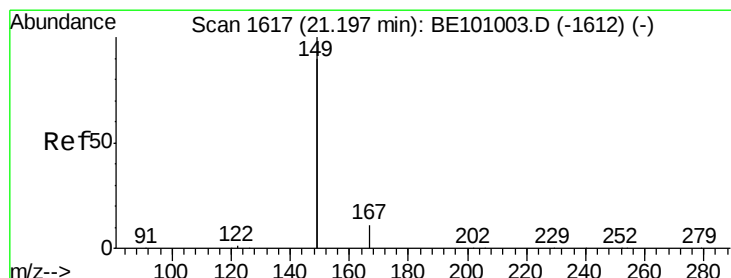
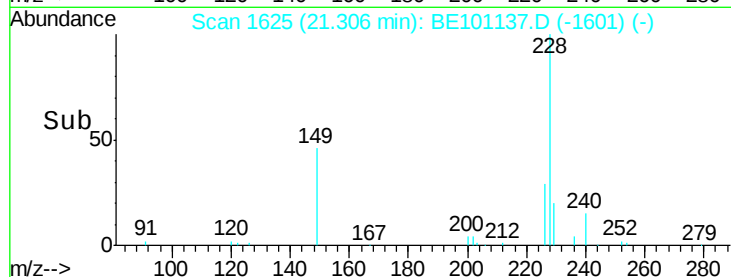
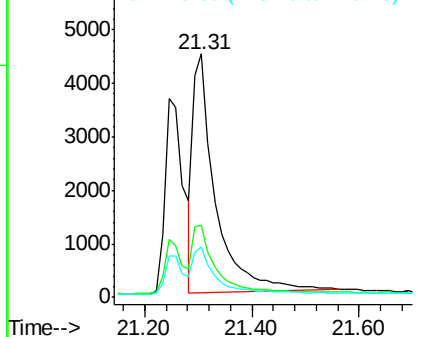
Tot Ion:	228	Resp:	12687
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.5	35.3
229	20.7	16.7	25.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.516 ng

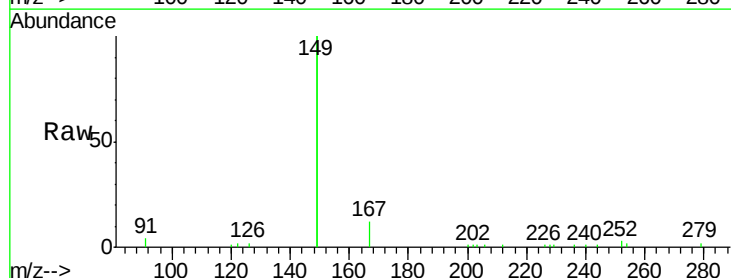
RT: 21.19 min Scan# 1615

Delta R.T. -0.01 min

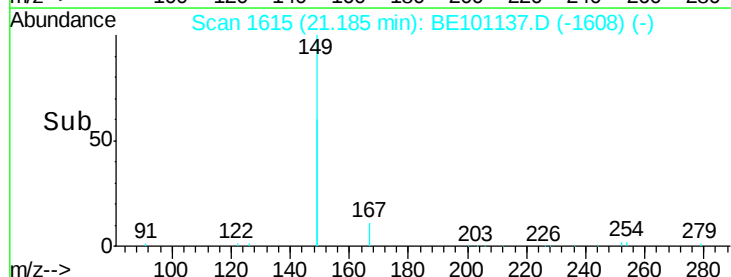
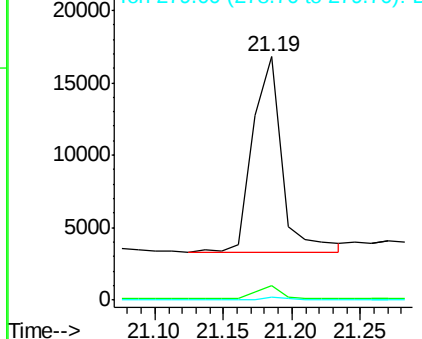
Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tgt Ion:	149	Resp:	19959
Ion	Ratio	Lower	Upper
149	100		
167	5.7	5.2	7.8
279	0.8	0.8	1.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





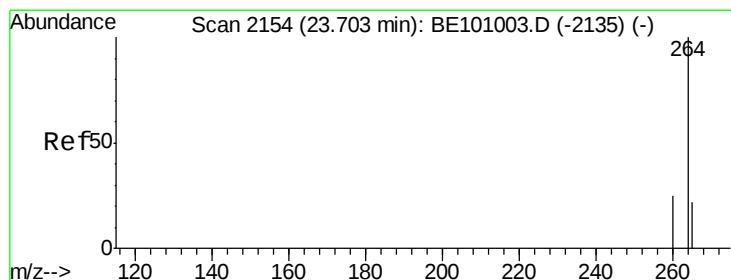
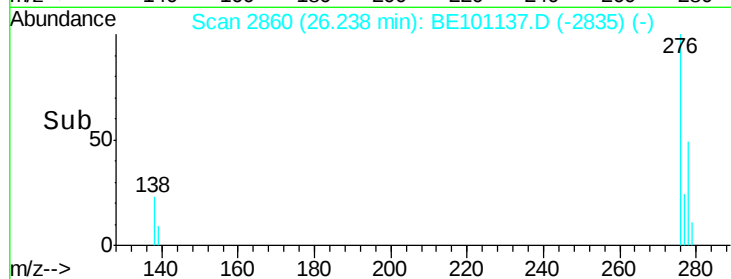
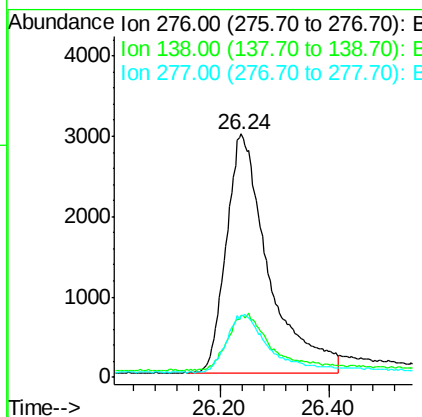
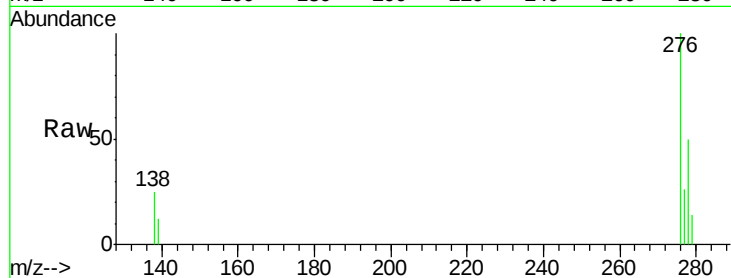
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.587 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Instrument :
BNA_E
ClientSampleId :
PB126655BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.9	16.1	24.1#
277	23.6	18.1	27.1

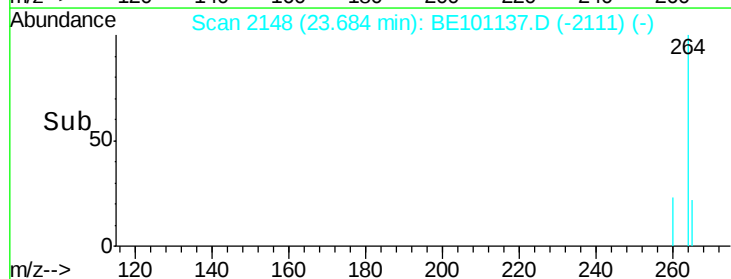
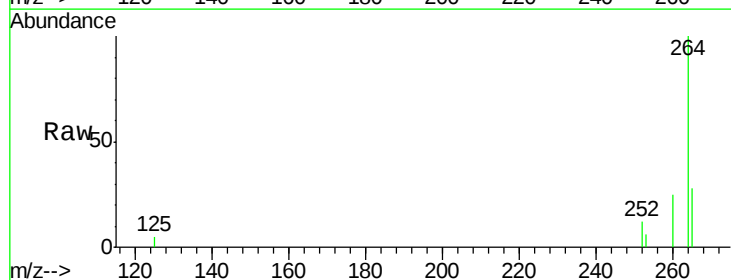
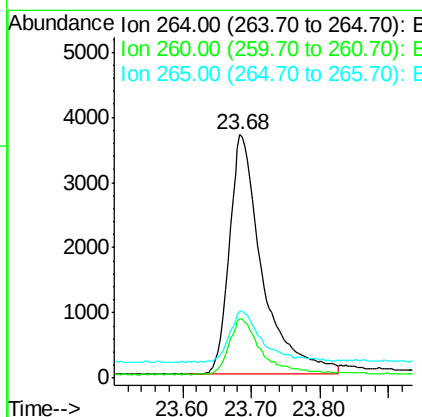
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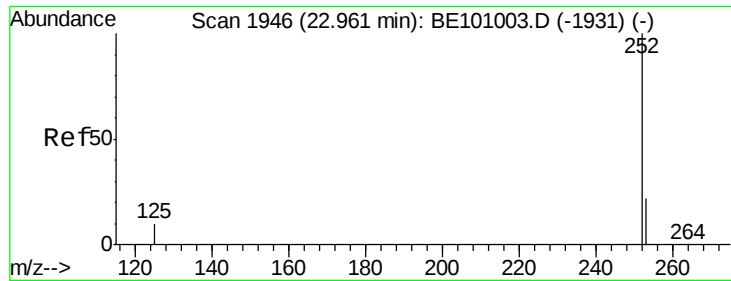
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.3	30.5
265	27.6	27.0	40.4





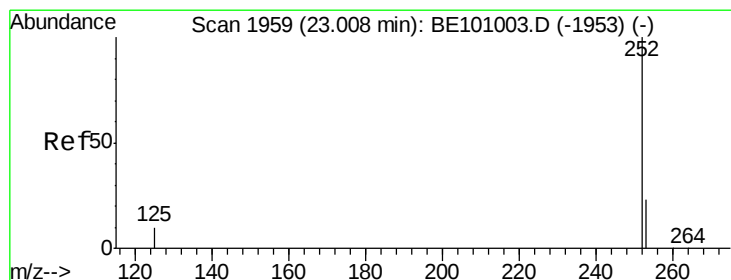
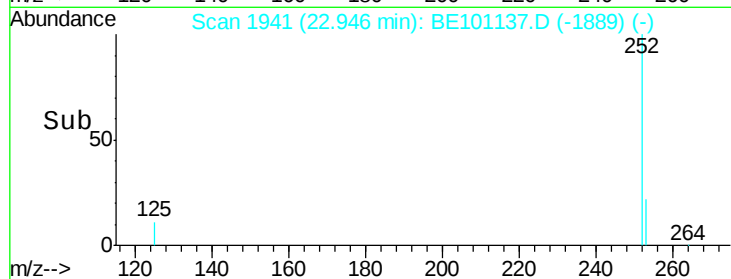
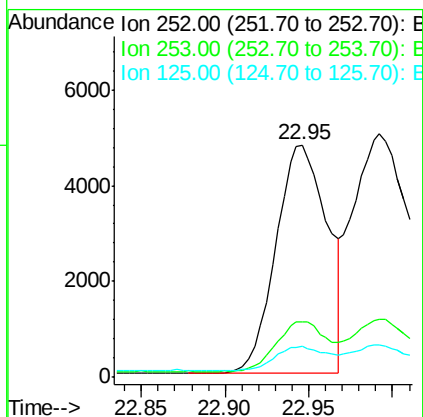
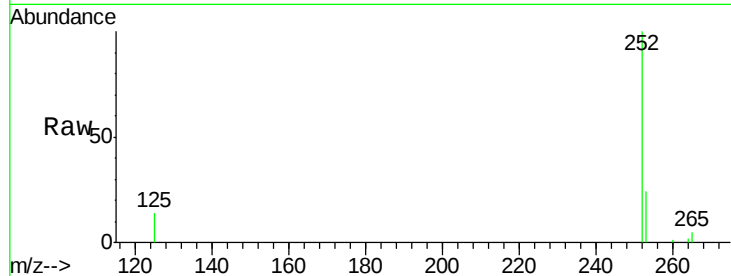
#35
Benzo(b)fluoranthene
Concen: 0.298 ng
RT: 22.95 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Instrument :
BNA_E
ClientSampleId :
PB126655BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	13.6	9.5	14.3

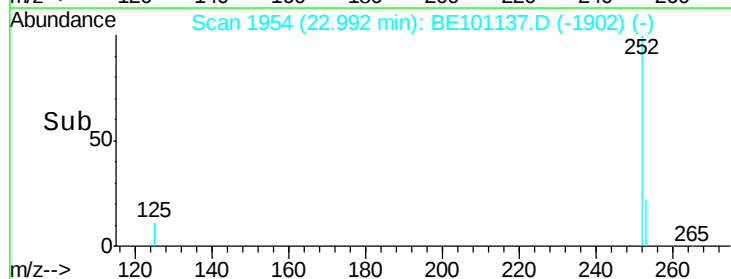
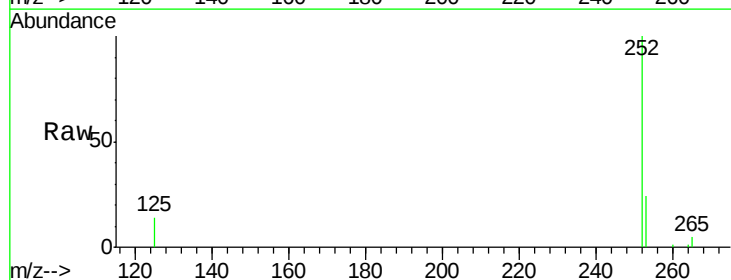
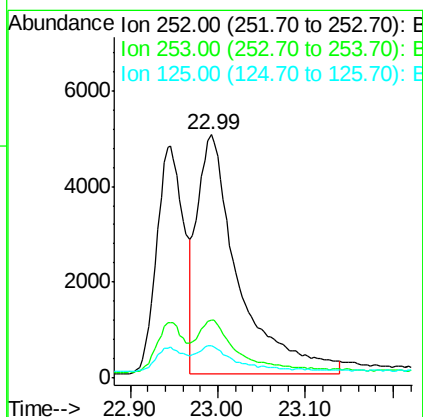
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#36
Benzo(k)fluoranthene
Concen: 0.331 ng m
RT: 22.99 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BE101137.D
Acq: 7 Feb 2020 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	13.6	10.1	15.1





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.58 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Instrument :

BNA_E

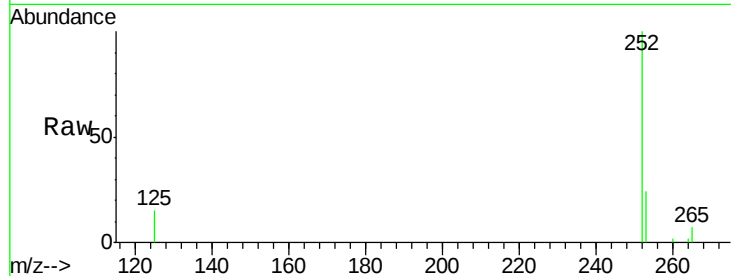
ClientSampleId :

PB126655BSD

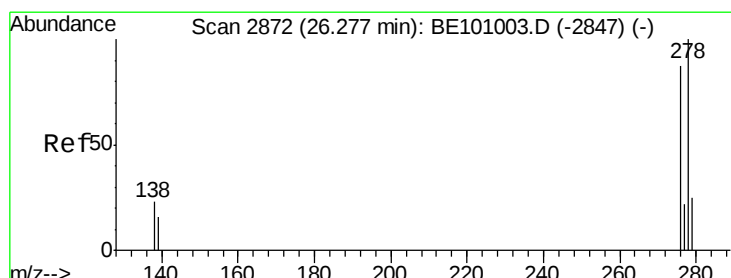
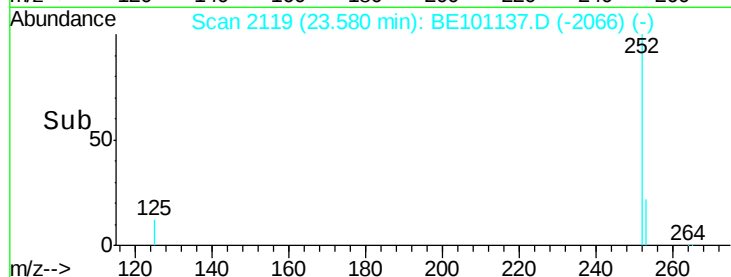
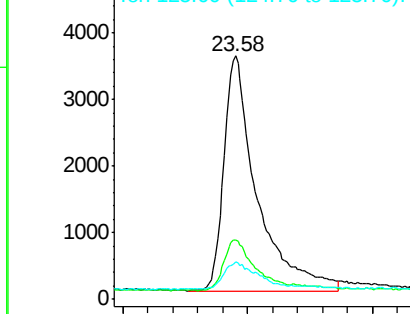
Tot Ion:	252	Resp:	13010
Ion Ratio	Lower	Upper	
252	100		
253	24.4	19.4	29.2
125	15.4	11.8	17.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.413 ng

RT: 26.26 min Scan# 2865

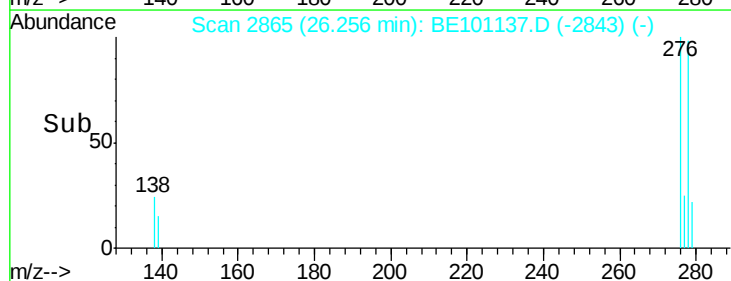
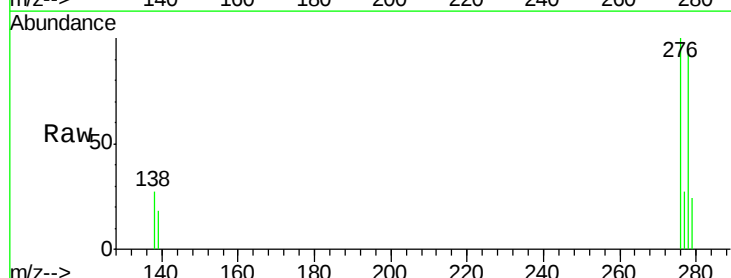
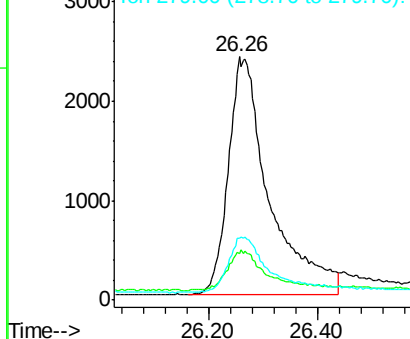
Delta R.T. -0.02 min

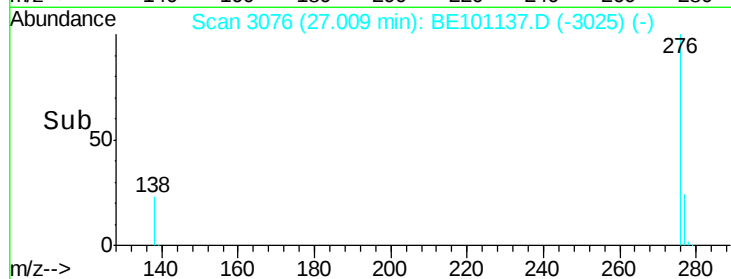
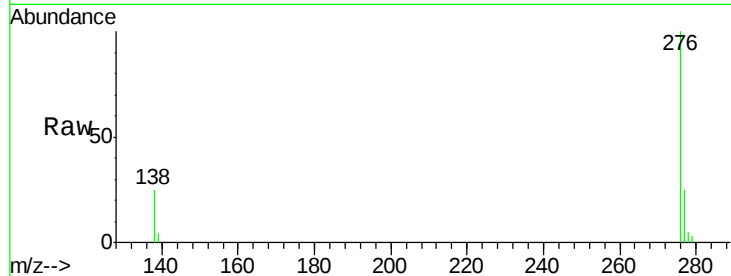
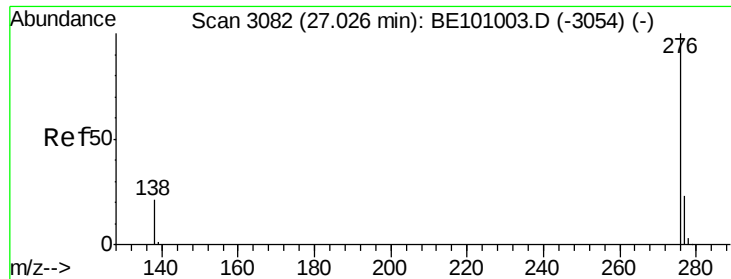
Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tgt Ion:	278	Resp:	12581
Ion Ratio	Lower	Upper	
278	100		
139	19.1	15.0	22.4
279	25.2	22.6	33.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.397 ng

RT: 27.01 min Scan# 3076

Delta R.T. -0.02 min

Lab File: BE101137.D

Acq: 7 Feb 2020 14:35

Tot Ion:	276	Resp:	14868
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.4	29.2
138	25.0	17.9	26.9

Instrument :

BNA_E

ClientSampleId :

PB126655BSD

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